

Title (en)

Modification and repair of film cooling holes in gas turbine engine components

Title (de)

Modifikation und Reparatur von Filmkühlungsbohrungen für Gasturbinenkomponenten

Title (fr)

Modification et réparation de trous de refroidissement par pellicule,pour des composants de turbines à gaz

Publication

EP 1101563 A3 20030122 (EN)

Application

EP 00310020 A 20001110

Priority

US 44313299 A 19991118

Abstract (en)

[origin: EP1101563A2] A method of modifying cooling holes (20) in a gas turbine engine film-cooled components by machining cooling holes outlets to enlarge the outlets (18) and remove any portion of the cooling hole walls which might exhibit cracks. <IMAGE>

IPC 1-7

B23P 6/00; **F01D 5/00**

IPC 8 full level

B23P 6/00 (2006.01); **F01D 5/00** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP US)

B23K 26/389 (2015.10 - EP US); **B23P 6/002** (2013.01 - EP US); **F01D 5/005** (2013.01 - EP US); **F01D 5/186** (2013.01 - EP US); **B23P 2700/06** (2013.01 - EP US); **F05D 2230/10** (2013.01 - EP US); **F05D 2230/80** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US); **Y10T 29/49318** (2015.01 - EP US); **Y10T 29/49341** (2015.01 - EP US); **Y10T 29/49725** (2015.01 - EP US); **Y10T 29/49726** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1101563 A2 20010523; **EP 1101563 A3 20030122**; SG 88798 A1 20020521; US 6243948 B1 20010612

DOCDB simple family (application)

EP 00310020 A 20001110; SG 200006426 A 20001108; US 44313299 A 19991118